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Supplemental Response to Office Action

SJO920030047US1

**AMENDMENTS TO THE CLAIMS:**

This listing of the claims will replace all prior versions, and listings, of the claims in this application:

**IN THE CLAIMS**

1-29. (Cancelled).

30. (**Currently Amended**) A computer readable medium ~~program-product comprising a computer-readable medium~~ having computer readable program code embodied therein for causing a computer to control the position of a visual pointer using an eye tracking apparatus by:

moving a visual pointer from a first location to a second location that corresponds to a user's eye orientation based on input received from the eye tracking apparatus;

providing a visual indicator between the first location and the second location;

~~providing a reading guide to a user for assisting the user in reading displayed text; and~~

automatically changing the visual indicator to a reading guide in response to the eye tracking apparatus recognizing a user's eye movement pattern as a read mode, where the reading guide is located in a margin at the beginning of a line of text that is read;

repositioning the reading guide in response to the eye tracking apparatus determining that the user approaches the end of a line of text; and

in response to the eye tracking apparatus determining that the user's eye movements are one of slowing down or stopping on a link in the text, exiting the read mode and changing the visual indicator to a pointer for a pointing device to enable the user to click on the link.

31. (**Currently Amended**) A computer readable medium ~~program-product~~ as in claim 30, wherein the visual indicator comprises a substantially linear display element.

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32. **(Currently Amended)** A computer readable medium ~~program-product~~ as in claim 30, wherein the visual indicator comprises a substantially circular display element.

33. **(Currently Amended)** A computer readable medium ~~program-product~~ as in claim 30, wherein the visual indicator provides visual continuity between the first location and the second location of the visual pointer.

34. **(Currently Amended)** A computer readable medium ~~program-product~~ as in claim 30, wherein the visual indicator indicates the first location of the visual pointer and the second location of the visual pointer.

35. **(Currently Amended)** A computer readable medium ~~program-product~~ as in claim 30, wherein the visual indicator provides a spatial relationship between the first location of the visual pointer and the second location of the visual pointer.

36. **(Currently Amended)** A computer readable medium ~~program-product~~ as in claim 30, wherein the visual indicator comprises a graphic animation of a spatial relationship between the first location and the second location of the visual pointer.

37. **(Currently Amended)** A computer readable medium ~~program-product~~ as in claim 30, wherein moving the visual pointer to the second location is based on inferring user intent from the user's detected eye orientation.

38. **(Currently Amended)** A computer readable medium ~~program-product~~ as in claim 30, wherein the reading guide comprises an open bracket.

39. **(Cancelled).**

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40. (**Currently Amended**) A computer readable medium ~~program-product~~ as in claim 30, wherein the reading guide is positioned to the left of a line being read.

41. (**Currently Amended**) A computer readable medium ~~program-product~~ as in claim 30, wherein the reading guide scrolls lines of displayed text in response to the user's eye orientation based on input received from the eye tracking apparatus.

42. (**Currently Amended**) A computer readable medium ~~program-product~~ as in claim 30, wherein the reading guide is changed to a visual pointer based on sensing an eye movement of the user.

43. (**Currently Amended**) A computer system comprising:

a processor;

a visual display output coupled to said processor;

said processor comprising an input for receiving a signal from an eye tracking apparatus, the eye tracking apparatus for monitoring a user's eye movements, and said processor ~~providing is configured to provide~~ a signal at said visual display output for moving a visual pointer from a first location to a second location corresponding to the user's eye orientation, ~~and generating to generate~~ a visual indicator between the first location and the second location; ~~and, to automatically change the visual indicator to a reading guide in response to the eye tracking apparatus recognizing a user's eye movement pattern as a read mode, where the reading guide is located in a margin at the beginning of a line of text that is read, said processor providing a reading guide to a user for assisting the user in reading displayed text and repositioning to reposition~~ the reading guide in response to the eye tracking apparatus determining that the user approaches the end of a line of text, and in response to the eye tracking apparatus determining that the user's eye movements are one of slowing down or stopping on a link in the text, to exit the read mode and change the visual indicator to a pointer for a pointing device to enable the user to click on the link.

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44. (Previously Presented) A computer system as in claim 43, wherein the visual indicator comprises a substantially linear display element.

45. (Previously Presented) A computer system as in claim 43, wherein the visual indicator comprises a reading guide for assisting the user in reading displayed text.

46. (**Currently Amended**) A computer implemented method for eye track assisted pointer positioning comprising:

operating an eye tracking apparatus to monitor a user's eye movements as the user views a visual display;

detecting the user's eye orientation, relative to the visual display;

moving a visual pointer from a first location to a second location of the visual display that corresponds to the user's eye orientation;

providing a visual indicator in the visual display between the first location and the second location;

~~providing a reading guide to a user for assisting the user in reading displayed text; and~~  
automatically changing the visual indicator to a reading guide in response to the eye tracking apparatus recognizing a user's eye movement pattern as a read mode, where the reading guide is located in a margin at the beginning of a line of text that is read;

repositioning the reading guide in response to the eye tracking apparatus determining the user approaches the end of a line of text; and

in response to the eye tracking apparatus determining that the user's eye movements are one of slowing down or stopping on a link in the text, exiting the read mode and changing the visual indicator to a pointer for a pointing device to enable the user to click on the link.

47. (Previously Presented) A computer implemented method as in claim 46, wherein the visual indicator provides visual continuity between the first location and the second location of

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the visual pointer.

48. (Previously Presented) A computer implemented method as in claim 46, wherein moving the visual pointer to the second location is based on inferring user intent from the user's detected eye orientation.

49. (**Currently Amended**) A computer implemented method for eye track assisted pointer positioning comprising:

operating an eye tracking apparatus to monitor a user's eye movements as the user views a visual display;

detecting the user's eye orientation, relative to the visual display;

~~providing a reading guide to the user for assisting the user in reading displayed text; and~~  
automatically changing the visual indicator to a reading guide in response to the eye tracking apparatus recognizing a user's eye movement pattern as a read mode, where the reading guide is located in a margin at the beginning of a line of text that is read;

moving the reading guide from a first location to a second location of the visual display that corresponds to the user's eye orientation in response to the eye tracking apparatus determining that the user approaches the end of a line of text; and

in response to the eye tracking apparatus determining that the user's eye movements are one of slowing down or stopping on a link in the text, exiting the read mode and changing the visual indicator to a pointer for a pointing device to enable the user to click on the link.

50. (Previously Presented) A computer implemented method as in claim 49, wherein the reading guide comprises an open bracket.

51. (**Cancelled**).

52. (Previously Presented) A computer implemented method as in claim 49, wherein the

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reading guide scrolls lines of displayed text in response to the user's eye orientation based on input received from the eye tracking apparatus:

53. (Previously Presented) A computer implemented method as in claim 49, wherein the reading guide is changed to a visual pointer based on sensing an eye movement of the user.

54. (Cancelled).

55. (Currently Amended) A computer implemented method as in claim ~~54~~ 46, where the visual indicator is one of a linear retro guide and a pulse and is not comprised of multiple mouse pointers.

56. (Previously Presented) A computer implemented method as in claim 46, wherein the visual indicator comprises a substantially linear display element.